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VIA FACSIMILE

ATTENTION: Examiner Rudy Zervigon
FIRM/CO. NAME: United States Patent and Trademark Office
APPLICATION NO: 09/379,753
FAX NO: (703) 872-9306
FROM: Ashok K. Janah
DATE: January 24, 2005
OUR REFERENCE NO.: 003948 USAY01/ETCH/SILICON/JB1

TOTAL NUMBER OF PAGES 29 (INCLUDING COVER PAGE)

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL: Christy

BUSINESS PHONE: (415) 538-1555 FACSIMILE NO (415) 538-8380

MESSAGE:

Examiner,
Attached is an Amendment in response to the Final Office Action mailed on August 23, 2004, timely filed within five months thereof with a two-month extension of time.

Kind regards,
Christy Hennigan

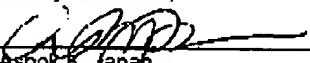
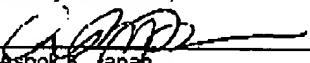
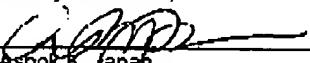
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Grimbergen	Group No: 1763
Application No: 09/379,753	Examiner: Rudy Zervigon
Confirmation No: 1675	Attorney Docket No: 3948 USA Y1/ETCH/SILICON/JB1
Filed: August 24, 1999	
Title: MONITORING A PROCESS AND COMPENSATING FOR RADIATION SOURCE FLUCTUATIONS	Monday, January 24, 2005 San Francisco, CA 94107

Commissioner for Patents VIA FACSIMILE: (703) 872-9306	Extension of Time		
<input checked="" type="checkbox"/> Applicant petitions for an extension of time under 37 C.F.R. 1.136			
Papers Enclosed <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Declaration <input type="checkbox"/> 0 Drawings <input type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> PTO-1449 Form <input type="checkbox"/> Citations <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Postcard for Return	Extension (Months)	Extension Fee	
		Large Entity	Small Entity
	<input type="checkbox"/> One Month <input checked="" type="checkbox"/> Two Months <input type="checkbox"/> Three Months	\$120.00 \$450.00 \$1,020.00	\$60.00 \$225.00 \$510.00
Total \$ 450.00			
<input type="checkbox"/> Applicant believes that no extension of term is required. However, this conditional petition is being made in case applicant has inadvertently overlooked the need for a petition for extension of time.			

Fees for Extra Claims						
	Claims remaining after amendment	Highest number previously paid for	Number Extra	Rate		Additional Fee
				Large Entity	Small Entity	
Total Claims	43	46	0	\$50.00	\$25.00	\$0.00
Independent Claims	8	8	0	\$200.00	\$100.00	\$0.00
Multiple Dependent Claims			0	\$360.00	\$180.00	\$0.00
Supplemental Information Disclosure Statement						
						Total \$ 0.00

Fee Payment		Fee Deficiency
Extension Fees	\$4500	<input checked="" type="checkbox"/> If any additional extension and/or fee is required, please charge Deposit Account No. <u>10-0258</u> . and/or <input checked="" type="checkbox"/> If any additional fee for claims is required, please charge Deposit Account No. <u>10-0258</u> .
Fees for Extra Claims	\$0.00	
Total	\$4500	
<input type="checkbox"/> Attached is check no. _____ in the sum of <u>\$0.00</u> . <input checked="" type="checkbox"/> Please charge Deposit Account No. <u>10-0258</u> in the sum of <u>\$450.00</u> .		Please direct telephone calls to: Ashok K. Janah at (415) 538-1555 Please continue to send correspondence to: Applied Materials, Inc. Patent Department, M/S 2061 P.O. Box 450A Santa Clara, CA 95052
CERTIFICATE OF TRANSMISSION (37 C.F.R. § 1.8a): I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office at (703) 872-9306 on the date shown below.		Respectfully Submitted, By:  Christy Hennigan
By:  Christy Hennigan		Date: January 24, 2005
		Date: January 24, 2005
		By:  Ashok K. Janah Registration No. 37,487

JAN 24 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Grimbergen	Art Unit: 1763
Application No: 09/379,753	Examiner: Rudy Zervigon
Confirmation No: 1675	
Filed: August 24, 1999	
Title: MONITORING A PROCESS AND COMPENSATING FOR RADIATION SOURCE FLUCTUATIONS	Attorney Docket No: 003948 USA Y01/ETCH/SILICON/JB1
	January 24, 2005 San Francisco, California

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

VIA FACSIMILE
(703) 872-9306

Examiner Zervigon:

This communication is being filed in response to the Non-Final Office Action mailed on August 23, 2004, and is being filed within five months thereof with a request for a two month extension of time.

Certificate of Transmission

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By:



Christy Hennigan

Date: January 24, 2005